



City of Santa Barbara  
Building & Safety Division  
**Minimum Residential FAU  
Requirements**

Community Development  
630 Garden Street  
805-564-5485

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Owner \_\_\_\_\_ Address \_\_\_\_\_  
Phone # \_\_\_\_\_ Parcel # \_\_\_\_\_  
Contractor \_\_\_\_\_ Permit # BLD20 \_\_\_\_\_  
Project description \_\_\_\_\_

Circle appropriate installation type below:

New                  Replacement                  Repair                  Relocated

Circle appropriate location type below:

Roof                  Attic                  FAU closet                  Under floor                  Garage

All work, design, equipment, materials and labor shall be in conformance with current federal, state, local laws and ordinances; C.B.C., C.M.C., C.P.C., C.E.C., S.B.M.C. Install equipment per manufactures specifications and provide manufactures instructions during inspection.

All work shall be subject to field verification by the City Inspectors. Additional permits shall be required if work exceeds the description above.

The following requirements are typical, but not all inclusive. Not all requirements may be applicable. Additional requirements may be necessary to complete the work:

- 1) Attic access, service space (C.M.C 304, CRC R807) & ventilation:
  - a) 30x22x30 inch high minimum unobstructed access, but not less than the largest equipment size.
  - b) 30x30 inch minimum unobstructed passage to remove equipment, but not less than the largest equipment & maximum 20' distance from access to unit.
  - c) 30x30 inch deep level service space located at the equipment service side.
  - d) Provide additional combustion air in attic space where FAU is located as required per C.M.C. Chapter 7 or note special combustion air venting per manufactures design (verify availability from manufacture).
  - e) FAU access flooring shall provide a minimum 24 wide solid surface to & a level 30"x30" surface in front of service side.
  - f) Mechanical equipment area shall have required switching & lighting.
- 2) Provide under-floor access, service space (C.M.C 307, CRC R408.4) & ventilation:
  - a) 30x22 inch minimum unobstructed access with equipment, not less than largest equipment size.
  - b) 30x30 inch minimum unobstructed passage to remove equipment, but not less than the largest equipment & maximum 20' distance from access to unit.
  - c) 30x30 inch deep level service space located at the equipment service side.
  - d) Provide additional combustion air in attic space where FAU is located as required per C.M.C. Chapter 7 or note special combustion air venting per manufactures design (verify availability from manufacture).
  - e) Provide concrete or masonry lining where the passageway or service space exceeds 12" below grade.
- 3) Equipment that has a flame, generates a spark, or uses a glowing ignition source shall be elevated a minimum 18" above the garage floor. C.M.C 307.0.

- 4) Provide the required combustion air openings for gas burning appliances per C.M.C. 702, 707 & Table 7-A.
- 5) Mechanical equipment clearances to combustible construction C.M.C 303.1 & Table 3-2
  - a) Maintain minimum 6" clear from top & sides or per manufactures listing.
- 6) Clearances for maintenance or repair of FAU C.M.C 303, Table 3-2.
  - a) Maintain minimum 3" clear from top, back & sides (total of both sides shall equal minimum of 12").
- 7) Vents:
  - a) Where type BW gas vents are installed in an existing building the wall covering on one side shall be completely open for inspection. C.M.C. 802.10.12
  - b) Vents in attics, concealed spaces, or unheated crawlspaces shall be Type B double wall. C.M.C. 802.10.2.3.
  - c) Horizontal run of uninsulated vent connector is limited to 75% of vertical height. C.M.C. 82.6.1.1.
- 8) Ductwork - cloth backed duct tape requires mastic & a drawband. AB970
- 9) **\*\*\*PLEASE NOTE \*\*\*** The installation of a new FAU may require the installation of a backwater device, smoke detectors and or carbon monoxide detectors. The installation of any of these may also require a separate permit and the work must be completed before any of the permits can be finaled. For further information, please contact the Building & Safety Division at 630 Garden St, SB CA or by calling (805) 564-5485.

Signature of applicant \_\_\_\_\_ Date \_\_\_\_\_